



Oklahoma Department of Environmental Quality
Environmental Complaints and Local Services
INSPECTION REPORT – TOTAL RETENTION LAGOON
CATEGORY 5 REUSE

Facility No.: <u>S30601</u>	County: <u>Pittsburg</u>	MFLIF: _____
<u>PittsburgCo. RW&SD#20</u>	<u>35.208639 & -95.540459</u>	<u>Eufaula</u> <u>74432</u>
<small>Name of Facility</small>	<small>Facility Address</small>	<small>City Zip</small>
<u>Carlton Landing</u>	<u>P.O. Box 302</u>	<u>Eufaula</u> <u>74432</u>
<small>Permittee/Owner</small>	<small>Mailing Address</small>	<small>City Zip</small>

The below listed rules are cited in the Oklahoma Administrative Code, Title 252, except when noted.

SECTIONS	RULES	REQUIREMENT DESCRIPTIONS	ITEM	VIO	DESCRIPTIONS OF DEFICIENCIES
OPERATORS	619-1-4(e)	Certified operator employed	*01	<input type="checkbox"/>	
	619-1-4(e)	All operators properly certified	02	<input type="checkbox"/>	
PERMIT VERIFICATION	619-1-3	Facility properly permitted, all modifications and line extensions permitted. Operated in accordance with permit	*03	<input checked="" type="checkbox"/>	Second Lagoon cell is without liner and has been for over a year. Line extension and unapproved lift station placed for water closet and food trucks. Unpermitted discharge of "groundwater" from an unsealed manhole vault into drainage creek flowing into Lake Eufaula. Vault is also the site of the unapproved lift station.
	619-1-4(a)				
	619-1-3	Construction completed in accordance with issued permit	*04	<input type="checkbox"/>	
FLOW MEASUREMENT	619-3-2(g)	Flow measurement devices installed/maintained in working order	45	<input type="checkbox"/>	Surge protector in use on flow meter to prohibit inaccuracies caused by power surges from storm events.
FENCING	619-3-2(j)	Facility identified and access controlled	05	<input type="checkbox"/>	three strand barb wire fencing around lagoon.
	619-3-2(i)	6' high woven wire fence or equivalent in residential areas	*07	<input type="checkbox"/>	
EROSION CONTROL	619-3-1(c)	Storm drainage/flood protection adequate to protect dikes and all parts of the collection system	08	<input checked="" type="checkbox"/>	Storm water allowed to drain into manholes
ACCESS	619-3-2(1)	All-weather road constructed and maintained	09	<input type="checkbox"/>	
DIKE MAINTENANCE	619-3-2(a)(1)	Maximum slope of 1:3 maintained	10	<input type="checkbox"/>	
	619-3-2(a)(2)	Adequate vegetative cover or rip-rap provided	11	<input type="checkbox"/>	
	619-3-2(a)(3)	Grass mowed. Trees, weeds and cattails removed	12	<input checked="" type="checkbox"/>	Grass needs to be mowed. A few small willow trees in dike need to be removed.
FREEBOARD	619-3-2(b)	Minimum 3 ft freeboard maintained	13	<input checked="" type="checkbox"/>	Third Cell has less than one foot of freeboard
LINERS & SEALS	619-3-2(c)	Seepage through lagoon bottom and dikes prevented	*14	<input checked="" type="checkbox"/>	Liner in third cell has multiple holes and rips below water line allowing for seepage
BIOLOGICAL GROWTH	619-3-2(n)	Good biological growth maintained. Septic conditions prevented.	15	<input type="checkbox"/>	
VECTOR CONTROL	619-3-2(o)	Water depth and wind action adequate to prevent development of vector harborage	16	<input type="checkbox"/>	
BYPASSES AND/OR SSOs	619-1-4(d)(1)	Dry or wet weather bypasses/SSOs reported	*17	<input checked="" type="checkbox"/>	Bypasses from third lagoon not called in however, bypass report was submitted
	619-1-4(d)(2)	Dry weather bypasses/SSOs corrected	*18	<input type="checkbox"/>	
	619-1-4(d)	Wet weather bypasses/SSOs identified and addressed	19	<input checked="" type="checkbox"/>	Bypass areas and I&I issues not being addressed
PUMP STATIONS	619-3-1(d)	Pumps, motors, piping and valves operable and maintained in accordance with operational procedures/schedules	20	<input type="checkbox"/>	
	619-3-1(d)	Access controlled and fail-safe systems operable	21	<input checked="" type="checkbox"/>	Security fencing to be built around lift station- not built during follow up inspection
AERATED LAGOONS	619-3-2(h)	Aeration equipment adequate and properly maintained	22	<input type="checkbox"/>	
	619-3-2(m)				
CATEGORY 5 WATER REUSE	627-1-3	Site permitted, constructed in accordance with permit	*23	<input type="checkbox"/>	
	627-1-5(c)	Run-off from site prevented	*24	<input type="checkbox"/>	
	627-3-4(a)(5)	Irrigation equipment maintained and in working order	*25	<input type="checkbox"/>	
	627-3-4(b)(6)	Site fenced and 100-ft buffer zone provided	*26	<input type="checkbox"/>	
	627-3-4(a)(1)				
	627-3	Application in accordance with crop loading rates	27	<input type="checkbox"/>	
	627-3-4(b)	Irrigation in accordance with restrictions	28	<input type="checkbox"/>	
REPORTS	619-1-4(f)	MOR's completed, retained and made available to DEQ	29	<input checked="" type="checkbox"/>	Flow data submitted incomplete, data missing due to flow meter faults. MOR submitted timely, needs to be accurate and complete.
POTABLE WATER	619-1-4(c), 627-1-5(b)	Potable water protected, no cross-connections	*30	<input type="checkbox"/>	

Critical items are indicated in bold and by an asterisk (*) in the item column. All critical items marked must be corrected within 14 days or as specified by the inspector. Other violations must be corrected by the next regular inspection or by the date specified.

FACILITY STATUS:

- 31 ☒ Repeat Violations(s)
32 ☐ Under Current Enforcement Action
33 ☐ No Violation Noted
34 ☐ Violation Corrected During Inspection

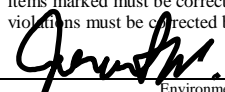
PURPOSE OF VISIT:

- 35 ☒ Compliance Monitoring

POPULATION 60


DAILY FLOW (gpd) 7000

Total number of items marked: 9



Environmental Specialist

284572
Employee ID Number



Project Manager

36 ☐: Complaint No. _____
 37 ☒: Follow-up
 38 ☐: Emergency/Disaster
 39 ☐: Construction Inspection

Number of critical
items marked:

3

ACTION:

40 ☐: None
 41 ☐: Notice to Comply by: ____ / ____ / ____
☐ Next Inspection
 42 ☒: Refer for Enforcement

TYPE CLASS:

43 ☒: R Lagoon, Total Retention
 44 ☐: C5 Category 5

Date 9 / 19 / 2017

ITEM NO.	CRITICAL ITEMS
01	OPERATORS - Failure to employ an appropriately certified operator.
03	PERMIT VERIFICATION - Construction of an unpermitted facility; violation of construction permit so as to seriously threaten the effectiveness of the treatment works.
04	PERMIT VERIFICATION - Construction of unpermitted modifications to a facility; construction of an unpermitted extension of collection system.
07	FENCING – Lack of 6' high woven wire fence in residential areas.
14	LINERS & SEALS - Lack of a proper seal in the lagoon dikes and/or bottom, allowing visible seepage from the lagoon.
17	BYPASSES AND/OR SSOs - Failure to orally report all dry or wet weather bypasses and/or SSOs within twenty-four hours and/or failure to file a written report within five days.
18	BYPASSES AND/OR SSOs - Failure to correct previously reported bypasses and/or SSOs in a timely manner.
23	WATER REUSE – All water reuse sites must be properly permitted (Five year permits) with no construction defects
24	WATER REUSE – Reuse water may not be applied at rates that create runoff or pooling on the site
25	WATER REUSE – All equipment must be maintained in good working order and meet the minimum requirements.
26	WATER REUSE – All reuse sites must have a 100 foot buffer from the spray application area to the property boundary
30	POTABLE WATER - Allowing the physical connection or piping arrangement between the potable water systems and a system of unknown or questionable quality.
ADDITIONAL REMARKS	
Lagoons were being mowed during the follow-up inspection. Bypass report was not called in to DEQ. Local DEQ ES was made aware of bypass during the initial site visit. The bypass report, however, was submitted to DEQ.	